



 **docpanel**

**Revolutionizing  
Quality and  
Coverage in Remote  
Mammography**

*A Mach7 Technologies Customer Story*



## About DocPanel



DocPanel is a subspecialty radiology platform providing long-term solutions for radiology resource shortages and burnout. Their unique model is designed to absolve gaps in subspecialty radiology coverage throughout the U.S. healthcare system by connecting radiology departments to a network of 700 fellowship trained radiologists for dedicated coverage.

With cloud infrastructure to facilitate remote reading across every medical specialty, the DocPanel platform empowers healthcare providers to manage their radiology workloads, introduce new modalities, and guarantee that patients receive precise and prompt diagnoses.

Radiologists who offer their services through the DocPanel platform can read solely within their specialty, and have complete autonomy over their caseload, case type, and work hours.

*DocPanel had previously contracted with Mach7 Technologies to use the eUnity platform for a fast, reliable, and intuitive universal viewing experience with the flexibility and independence to expand across facilities, geographies, and provider groups.*



## Background

In 2022, DocPanel was looking to provide their team of fellowship trained remote mammographers with an improved telemammography reading experience.

Typically, Mammography, CAD, and 3D Tomography studies require hospitals to invest in costly, dedicated, on-site mammography workstations. These workstations are necessary to manage the extensive data sets and high-resolution images required for reading and diagnosing these studies. This has historically posed a substantial obstacle to remote reading.

**“Our goal was to expand how we were currently using Mach7’s solutions to address existing challenges in the market, specifically in mammography,”** said DocPanel CEO Nirish Mathias.

Currently, there is a huge shortage of breast radiologists that is being exacerbated by a nationwide increase in breast imaging volumes. This is causing delays in the interpretation of studies, and negatively impacting patient care. In turn, radiologists are being asked to read more studies, resulting in burned out mammographers, increasing turnover for healthcare organizations, diminished patient care and patient experience, and further shortages.

Nirish added, **“We felt very strongly that eUnity’s powerful zero-footprint capabilities, along with the powerful Mach7 VNA, combined with our proprietary worklist software, would result in a modern telemammography solution that the market desperately needed.”**

# Advantages of the Mach7 Enterprise Imaging Solution

The eUnity Enterprise Diagnostic Viewer equips DocPanel's mammographers with the flexibility to tailor the viewer's interface and hanging protocols to their preferences while conducting readings from any location. Studies are directly accessed from the cloud, so there is no longer a requirement to pre-fetch large studies to the radiologist's workstation. The platform securely delivers any study to anywhere at remarkable speeds, liberating mammographers from being tethered to a workstation within the confines of a hospital.



## Utilizing the Cloud

Removes industry reliance on mammography workstations & infrastructure, allowing for seamless remote reading.



## Closing Coverage Gaps

Allows imaging providers to access fellowship trained breast radiologists for remote screening and diagnostic coverage.



## All in One Platform

Customized hanging protocols, tailored reports, reduced fatigue - Radiologists who read multiple modalities *can now use one viewer and one workstation.*



## Improved Radiologist Efficiency

Enables radiologists to do their job anywhere, anytime, and more efficiently than other platforms.

Meghna Krishnan, MD  
Fellowship Trained Breast Imager  
DocPanel



"I've had experience working on many systems but the combination of DocPanel with *Mach7's eUnity Diagnostic Viewer is far better than competitor systems.* The solution alleviates glitches associated with remote reading of breast imaging studies and makes me much more efficient while also alleviating stress. ***The speed and performance of the system allows me to concentrate on the case and make diagnostic assessments with confidence.***"

# Perfecting the Remote Mammography Reading Experience

- ✓ *Faster loading of large complex studies*
- ✓ *Ability to load relative priors*
- ✓ *Unified VNA and viewer - access any image any time*
- ✓ *Ability to normalize study descriptions to improve hanging protocols*
- ✓ *Native storage of studies in AWS S3*
- ✓ *Load balancing to help achieve a facility's goals while preventing burnout for radiologists*
- ✓ *Instream conversions for proprietary studies (legacy conversion - especially for priors [SCO + CTO to BTO])*
- ✓ *Robust templates that match the BIRAD requirements of the client*
- ✓ *Ability to expand services or handle sudden increases in volume without getting backed up*
- ✓ *Eliminates cost of expensive workstations for radiologists (very difficult for facilities to have the right infrastructure to do remote mammography reading)*

## A New Normal of Diagnostic Reading

Together, the DocPanel-Mach7 solution has normalized and mainstreamed remote breast imaging, overcoming barriers that have historically stifled adoption and buy-in from providers.

With DocPanel's access to subspecialty expertise, the advanced capabilities of Mach7's eUnity zero footprint viewer, an integrated, secure VNA, and DocPanel's advanced worklist, clients receive timely subspecialized interpretations and radiologists have an improved reading experience – leading to greater efficiency and quicker time to diagnosis.

*Gale Sisney, MD, FACR*

*Fellowship Trained Breast Imager*

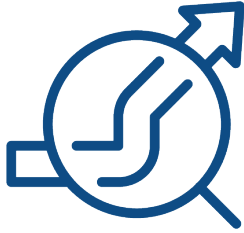
*DocPanel*



“I have been a remote radiologist for over eight years, and have worked on many different teleradiology mammography reading platforms. **eUnity is far superior in every way.** Mach7 has really nailed it! I was impressed with the functionality, and study download speeds were instantaneous. eUnity is the perfect solution to solve some of the most pervasive problems with teleradiology and reading mammography studies remotely. It has decreased my stress and fatigue, and it is a really terrific product that every remote radiologist should consider.”

# Since Adopting Mach7's Enterprise Imaging Solution for Mammography Reading, DocPanel has Experienced...

**A 50% increase  
in total  
mammography  
coverage**



**A 50% reduction in  
necessary resources  
due to software  
efficiency**



**2X total number  
of weekly  
mammography  
readings**



*"Docpanel, in partnership with Mach7, now offers 100% cloud-based mammography reading to all our clients. This advancement enhances access to Docpanel's subspecialists, reduces turnaround and implementation times, ultimately enabling our Clinicians to better serve their patients."*

*– Mony Weschler, Chief Operating Officer, DocPanel*



Independence through Innovation

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